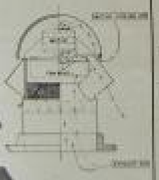
ILG
REG. U. S. PAT. OFF.

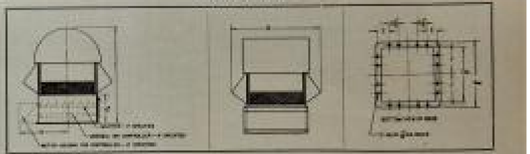
# VENTILATING AND HEATING EQUIPMENT

## TYPE PRV POWER ROOF VENTILATORS

The new Ilg Type "PRV" Power Roof Ventilators, consisting of a housed direct-connected centrifugal fan and motor, offer positive controlled ventilation independent of wind or weather conditions in sizes providing air deliveries over the unusually large range of pressures from free air to 1½" static pressure. Exclusive self-cooled motor mounted in separate compartment is protected from exhaust fumes, heat, dust and excessive moisture. The weather tight housing contains the complete fan unit and air control accessories eliminating the need of an expensive high-profile curbing and fitting of air control accessories into the roof or curbing section. Easily and quickly installed, wired and serviced.



### OUTLINE DIMENSIONS



NOTE: ALL DIMENSIONS ARE IN INCHES. For exact construction information, send for certified dimension sheets.

| Size | 15 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | 65 | 70 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| A | 18⅝ | 19⅝ | 22⅞ | 25⅞ | 29⅛ | 32⅞ | 35⅝ | 38⅛ | 42⅛ | 45⅛ | 48⅝ |
| B | 22½ | 24½ | 30 | 34⅞ | 40⅝ | 45⅛ | 50⅝ | 55⅞ | 60⅛ | 65½ | 71¼ |
| C | 40⅝ | 34⅞ | 39⅝ | 42⅞ | 46⅝ | 48⅛ | 52⅝ | 56 | 59 | 62½ | 66½ |
| D | 13 | 16⅛ | 19½ | 22¾ | 26 | 29¼ | 32½ | 35⅝ | 39 | 42¼ | 45½ |
| E | 4 | 2⅝ | 4 | 2⅝ | 4 | 2⅝ | 4 | 2⅝ | 4 | 2⅝ | 4 |
| F | 8¼ | 8⅝ | 10½ | 12⅛ | 13⅝ | 15⅝ | 17 | 18⅝ | 20¼ | 21⅝ | 23½ |
| G | 8 | 12 | 12 | 16 | 16 | 20 | 20 | 24 | 24 | 28 | 28 |

### SIZES AND CAPACITIES

NOTE: THE LOWER SPEED IN EACH SIZE PROVIDES THE MOST QUIET OPERATION

| SIZE | H.P. | [illegible] | R.P.M. | [illegible] STATIC C.F.M. | [illegible] STATIC C.F.M. | [illegible] STATIC C.F.M. | [illegible] STATIC C.F.M. | [illegible] STATIC C.F.M. |
|---|---|---|---|---|---|---|---|---|
| [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |

**ILG ELECTRIC VENTILATING CO.**
2870 North Crawford Ave., Chicago 41, Illinois.
Offices in more than 40 Principal Cities

# CENTRIFUGAL FANS (CON'T)

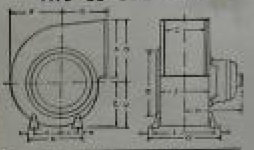
TYPE B-C

TYPE "BC" with backward curved blades. Load-limiting type for ventilating and air conditioning applications. Motor load remains constant over wide range of air volume and change in static pressure. No need for excess motor horsepower. No chance of motor overload where resistance is less than calculated. Motor and wheel are permanently aligned by directly driving wheel from motor shaft, avoiding money-wasting friction from belts, gears or sheaves . . . permitting partial recession of motor in side of casing to save floor space. Mount on floor, wall or ceiling. Available with "Floated-Drive" integrated sound isolation and with manual or remote electrically operated variable air volume controller. "One-Name-Plate" responsibility. 10 sizes.

STATIC PRESSURE

[illegible]

### TYPE "BC" DIMENSIONS



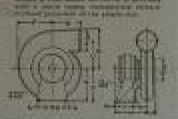
[illegible]

## TYPE "PE" . . . PRESSURE CENTRIFUGAL FANS

Specially designed for high pressure dust removal, waste conveyance, gas exhaust, supply blast, or rapid cooling. Dynamically balanced, ILGPREX universal wheel. Change rotation by rotating housing. Wheels are convertible for clockwise or counter-clockwise rotation. Data on direct-connected sizes given here. For information on belt-driven sizes see Catalog 240.

CATALOG No.

[illegible]

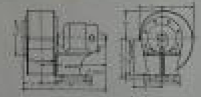


DIMENSIONS AND WEIGHTS

[illegible]

## TYPE "B" . . . VOLUME CENTRIFUGAL FANS

Particularly adapted for applications in offices, toilets, projection and telephone booths, kitchens, etc., for small, quiet air volume through ducts. High efficiency at lower power cost. Housing motor mounted on common base, with fan wheel directly driven from motor shaft to assure permanent alignment, saving space, reducing costs. Die-cast steel housing. Cast aluminum inlet opening. Clockwise or counter-clockwise rotation. Discharge easily changed by rotating housing.



PERFORMANCE TABLE

[illegible]

[illegible]

All ratings on this page are certified in accordance with the standard test code adopted jointly by the National Association of Fan Manufacturers and the American Society of Heating and Ventilating Engineers.

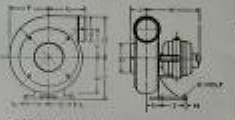
# CENTRIFUGAL FANS (CON'T)

29c
IL

## TYPE "P" . . . VOLUME CENTRIFUGAL FANS

For handling small quantities of air over pressure range of ½" to 6½". Suitable for exhausting fumes from chemical laboratories, handling light dust from polishing wheels and grinders, exhausting steam and vapors from dye houses, breweries, canning factories. Often built into other machines such as automatic doughnut machines, label making machines, heat treating cabinets, blacksmith forges, electronic equipment, etc.

Direct connection of motor and wheel. Four different discharge positions. Fan is to be installed to avoid [illegible] in [illegible] bends. Cast housing and fan wheel [illegible].



Principal Dimensions

Performance Data in C.F.M. at Various Pressures

## TYPE "65" . . . UTILITY CENTRIFUGAL FANS

New, all-purpose fan specifically designed for building into apparatus requiring ventilation or air movement. Extremely flexible, unit can be supplied with eight different arrangements. Die-stamped, durable steel housing and stand. Zinc die-cast wheel, carefully balanced for vibrationless, quiet, efficient operation. Direct-connected motor and wheel makes possible extremely compact unit. Overall height, [illegible]; length [illegible]; width [illegible]. The 65 fan is available with 3400 RPM shaded pole sleeve bearing motor or with 3000 RPM series motor. 110 volts, single phase, 60 cycle, ball bearing.

Performance Data in C.F.M. at Various Static Pressures

## TYPE "X" . . . EXPLOSION PROOF FANS

The performance features of the Type "Q" propeller fan are combined with the use of a ball bearing explosion proof motor to produce the Type "X" explosion-proof propeller fan. These fans are suitable for all Class I, Group D hazardous applications.

110 or 220 Volts—1 Phase, 60 Cycle

220 or 440 Volts—3 Phase, 60 Cycle

## TYPE "P" . . . HIGH SPEED FANS

Greater air moving capacities with minimum physical dimensions have been achieved by combining the type "Q" wheel with high speed motors in the type "P" high speed self-cooled motor propeller fans. This fan is particularly suitable for industrial applications where low decibel sound level ratings are not of primary importance.

For dimensions of the Type "X" and Type "P" fans, see drawings on page [illegible] of the Type "Q" fan.

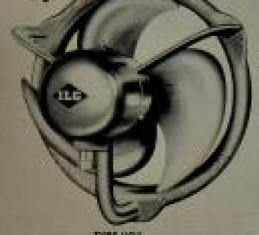
115 or 230 Volts—1 Phase, 60 Cycle

230 or 460 Volts—3 Phase, 60 Cycle

All ratings on this page are certified in accordance with the standard test code adopted jointly by the National Association of Fan Manufacturers and the American Society of Heating and Ventilating Engineers.

# SELF-COOLED MOTOR PROPELLER FANS

Used for exhaust of stale air, fumes, heat, dust, odors, etc. Patented Self-Cooled Motor (see below) designed specifically for use in polluted air stream of exhaust fan—combines low operating cost of open-type motor with protection of closed-type motor. Rugged, heavy-duty framework of fan is precision built for long years of continuous service. Dynamically-balanced fan wheel, direct-connected to motor. Supremely quiet operation—smooth, true-running, minimizing vibration and bearing wear for reduced operating and maintenance costs. "One-Name-Plate" responsibility covers fan and ILG-built motor as one unit.

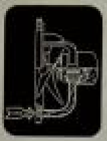


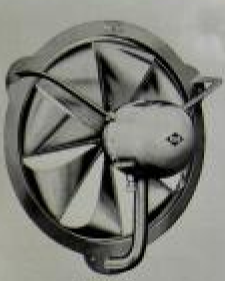
**TYPE "Q"**

Proved in many thousands of kitchen and attic ventilation installations, use of ILG's Type "Q" design is now extended to medium sizes of propeller fans. Now available in models 6S to 48J—fan wheels 6" through 48" in diameter.

**Exclusive ILG Self-Cooled Motor**

When fan is operating, clean, cool, fresh air is drawn through the vent pipe from OUTSIDE, circulated through the motor, then exhausted from the front of the motor. Motor stays clean, cools itself—no foul air reaches it to interrupt service, shorten its life.





**TYPE "W"**

Forty-two years of experience vouch for the service results of the Type "W" design for large-diameter fan wheels. It is estimated that over 1,000,000 are now in use. Available in 60" to 72" sizes.

**ALTERNATING CURRENT—Constant Speed, One Phase, 60 Cycle**

| Catalog No. 115 Volts | Catalog No. 230 Volts | Size | Type | RPM | CFM | Nominal Wheel Dia. | Motor HP | Decibel Rating | Approx. Net Wt. | Wt. Lbs. Shipping |
|---|---|---|---|---|---|---|---|---|---|---|
| 48078 | 48079 | 6JSH | Q | 2750 | 150 | 6" | 1/80 | 50 | 4 | 5 |
| 48080 | 48081 | 8JSH | Q | 1500 | 350 | 8" | 1/125 | 41 | 5 | 8 |
| 48090 | 48091 | 10JSH | Q | 1550 | 500 | 10" | 1/75 | 60 | 7 | 12 |
| 48095 | 48096 | 12JHS | Q | 1550 | 1000 | 12" | 1/20 | 54 | 13 | 20 |
| 48106 | 48107 | 16JSH | Q | 1140 | 1700 | 16" | 1/16 | 53 | 26 | 36 |
| 48108 | 48109 | 18JSH | Q | 1140 | 2600 | 18" | 1/8 | 56 | 45 | 60 |
| 48110 | 48111 | 21JSH | Q | 1140 | 3600 | 21" | 1/5 | 58 | 69 | 93 |
| 48112 | 48113 | 24JSH | Q | 855 | 4700 | 24" | 1/4 | 54 | 94 | 150 |
| 48114 | 48115 | 30JSQ | Q | 860 | 7800 | 30" | 1/4 | 60 | 130 | 155 |
| 48116 | 48117 | 36JSQ | Q | 570 | 11000 | 36" | 3/8 | 62 | 217 | 317 |
| ...... | 48119 | 42JSQ | Q | 490 | 13500 | 42" | 7/8 | 65 | 330 | 495 |
|  | 48121 | 48JSQ | Q | 400 | 23500 | 48" | 1-1/2 | 65 | 385 | 565 |

50 Cycle speeds and capacities are approximately 5/6 those shown for 60 Cycles.

**ALTERNATING CURRENT—Two Speed, One Phase, 60 Cycle**

| Catalog No. 115 Volts | Catalog No. 230 Volts | Size | Type | RPM | CFM | Nominal Wheel Dia. | Motor HP | Decibel Rating | Approx. Net | Wt. Lbs. Shipping |
|---|---|---|---|---|---|---|---|---|---|---|
| 48200 | 48201 | 16JS | Q | 1140<br>855 | 1700<br>1250 | 16" | 1/16 | 53<br>48 | 38 | 59 |
| 48202 | 48203 | 18JS | Q | 1140<br>855 | 2600<br>1950 | 18" | 1/8 | 56<br>47 | 58 | 80 |
| 48204 | 48205 | 21JS | Q | 1140<br>855 | 3600<br>2700 | 21" | 1/5 | 58<br>54 | 59 | 82 |
| 48206 | 48207 | 24JS | Q | 855<br>680 | 4700<br>3500 | 24" | 1/4 | 54<br>48 | 100 | 165 |
| 48208 | 48209 | 30JS | Q | 685<br>500 | 7500<br>5700 | 30" | 3/8 | 61<br>55 | 165 | 245 |
| 48210 | 48211 | 36JS | Q | 570<br>400 | 11000<br>7750 | 36" | 5/8 | 62<br>56 | 217 | 317 |
| ...... | 48213 | 42JS | Q | 490<br>380 | 15500<br>13000 | 42" | 7/8 | 61<br>55 | 333 | 485 |

Fans are equipped with two speed switch, having high, low, and off positions. Low speeds are approximate.

**ALTERNATING CURRENT—60 Cycle, *Three Phase, Constant Speed**

| Catalog No. 230 V. | Catalog No. 440 V. | Catalog No. 550 V. | Size | Type | RPM | CFM | Nominal Wh. Dia. | Motor HP | Decibel Rating | Approx. Net | Wt. Lbs. Shipping |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 49100 | 49101 | 49102 | 16J3S | Q | 1140 | 1600 | 16" | 1/5 | 56 | 33 | 50 |
| 49103 | 49104 | 49105 | 21J3S | Q | 1140 | 3600 | 21" | 1/3 | 58 | 33 | 53 |
| 49106 | 49107 | 49108 | 24J3S | Q | 855 | 4700 | 24" | 1/4 | 54 | 100 | 122 |
| 49109 | 49110 | 49111 | 30J3S | Q | 685 | 7500 | 30" | 3/8 | 61 | 165 | 245 |
| 49112 | 49113 | 49114 | 36J3S | Q | 570 | 11000 | 36" | 5/8 | 62 | 195 | 300 |
| 49118 | 49119 | 49120 | 42J3S | Q | 490 | 15500 | 42" | 7/8 | 61 | 330 | 480 |
| 49121 | 49122 | 49123 | 48J3S | Q | 490 | 23000 | 48" | 1-1/2 | 65 | 385 | 565 |
| 2127 | 2128 | 2129 | 60"3I | W | 388 | 28400 | 60" | 1-1/2 | 74 | 580 | 1130 |
| 2130 | 2131 | 2132 | 72"3I | W | 315 | 40400 | 72" | 3 | 74 | 900 | 1300 |

**CERTIFIED RATINGS**

[illegible]

MEMBER OF
NAFM

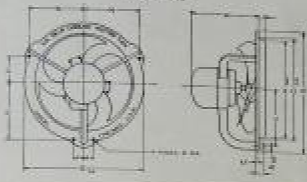
Propeller Fans are designed for free air delivery and therefore should not be used with extensive duct systems, flues or pipes, or to deliver air against greater than 1/8" static pressure.

*The ILG guarantee on three phase motors is void unless the circuit is provided with a motor starter incorporating thermal overload protection of the proper size.

All ratings on this page are certified in accordance with the standard test code adopted jointly by the Propeller Fan Manufacturers Association, the National Association of Fan Manufacturers and the American Society of Heating and Ventilating Engineers.

# SELF-COOLED MOTOR PROPELLER FANS

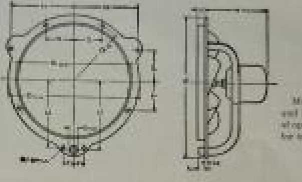
### TYPE "Q"



| Dimensions in Inches | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Size | A | B | C | D | E | F | G | H | J | K | L | M | N | O | P |
| [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |

For exact construction information send for certified dimension prints.

### TYPE "W"



Measurements A and B are diameter of opening to be cut for installation.

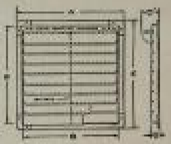
| Dimensions in Inches | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Size | A | B | C | D | E | F | G | H | J | K | L | M | N | P |
| [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |

### ILG AUTOMATIC SHUTTERS

An ILG Automatic Shutter, on the discharge side of the fan, protects the fan and building interior from rain and snow, also prevents wind pressure against fan from overloading motor, blowing out fuses, or burning out motor.

When fan is operating, shutter blades are held open by the air currents. When fan is idle, the shutter closes automatically by gravity. Designed to face exposure to the weather for years. ILG shutters are made with durable blades pressed on heavy-duty rods, supported in a rugged cast aluminum or steel frame. Protected by basic patents in the United States and Canada.

| Sizes, Weights | | | |
|---|---|---|---|
| Catalog No. | Shutter Size | For Fan Size | Approx. Ship. Wt. |
| [illegible] | [illegible] | [illegible] | [illegible] |



NOTE—Size of shutter corresponds to size of fan—for example, 36" fan takes size 36" shutter. 48" and larger size shutters are built in one frame, two section.

| Dimensions in Inches | | | | |
|---|---|---|---|---|
| Fan Size | A | B | C | D |
| [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |

### ILG POWER ROOF VENTILATORS

Provide pre-determined air volume for positive ventilation under all weather conditions. Weather-proof steel penthouse, solidly built with door at back for access to fan for periodical oiling. Exclusive ILG Self-Cooled Motor Propeller Fan inside penthouse. Automatic Shutter protects fan and building interior—avoids motor overloading from wind pressure. Special protective finishes and insulation available at slight extra cost. Use fans from page 4.

| Catalog Number | | Penthouse Size | For Fan Size | Metal Gauge | Inside Dimensions | | | Shipping Weight Lbs. |
|---|---|---|---|---|---|---|---|---|
| Standard | Insulated | | | | Depth In. | Width In. | Height In. | |
| [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |

For exact construction information send for certified dimension prints.

### ILG PROPELLER FAN GUARDS

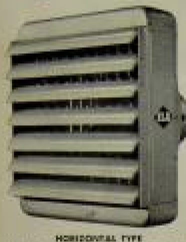
For installations 7 feet or less from the floor an ILG Fan Guard is recommended for protective purposes. Strong, durable ILG Woven Wire guards do not obstruct air flow. They are available in one, two, or three sections. May be attached to any ILG fan at any time. All sections are interchangeable.

| Sizes, Weights | | | | | | | |
|---|---|---|---|---|---|---|---|
| Catalog Number* | For Fan Size | Fan Type | Shipping Wt. Lbs. Complete | Catalog Number | For Fan Size | Fan Type | Shipping Wt. Lbs. Complete |
| [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |

*[illegible]

All ratings on this page are certified in accordance with the standard test code adopted jointly by the Propeller Fan Manufacturers Association, the National Association of Fan Manufacturers and the American Society of Heating and Ventilating Engineers.

# SELF-COOLED MOTOR UNIT HEATERS



**HORIZONTAL TYPE**

Standard unit for use in majority of applications. Self-Cooled Motor, dynamically balanced fan wheel, 2-piece header, copper core, adjustable louvers.

## STEAM OR HOT WATER

Exclusive ILG Self-Cooled Motor never "slow roasts" due to radiated heat from core, saves power cost. Two-piece graduated header provides "balanced" steam distribution . . . each tube expands and contracts uniformly. Top of header bolted on, simplifying maintenance. Brass orifice bushings expand tubes uniformly in header plate. Solid copper core-fins pressed into ½" O.D. copper round tubes. Bottom header "floats" on slotted coil retainer and spring washers for expansion and contraction of coil independent of unit casing. Individually adjustable louvers lessen air turbulence and increase heating range up to 40 to 80 feet. Eye-bolts, connected directly to header, remove all weight from supply line. Fan wheel verified for dynamic balance at rated speeds.

**LOW CEILING TYPE**

For horizontal mounting in buildings where headroom is at a premium. [illegible] assure extremely compact installation.

**VERTICAL TYPE**

For installations with extremely high or extremely low ceilings. This type can be obtained with or without deflector (above) or variable air deflectors or air diffusers (below).

**Ratings for Horizontal, Vertical, and Low-Ceiling Types**

| [illegible] | | | [illegible] | | | | | [illegible] | | |
|---|---|---|---|---|---|---|---|---|---|---|
| [illegible] | | | RPM | BTU | Final Temp. | CFM | HP | EDR | [illegible] | [illegible] |
| Horizontal | Vertical | Low-Ceiling | | | | | | | | |
| [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |

The lower speed shown for each unit is available only at the low speed on two speed units.

**TEXTILE TYPE**

**TEXTILE TYPE**—For textile mills and other applications where lint or other material normally adhering to fin surfaces and clogs the coil. Fins are eliminated as seamless copper tubes are increased for greater primary heating surface.

| [illegible] | | [illegible] | | | | | [illegible] | |
|---|---|---|---|---|---|---|---|---|
| [illegible] | RPM | BTU | Final Temp. | CFM | [illegible] | [illegible] | [illegible] | [illegible] |
| [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |

The above ratings are certified in accordance with the standard test code adopted jointly by the Industrial Unit Heater Association and the American Society of Heating and Ventilating Engineers.

Ratings apply only to [illegible]. "CFM" = Cubic feet per minute of standard air at 70° F. and standard basis of rating (2 lb. steam pressure, 60° F. entering air) . . . "EDR" = Equivalent direct radiation at standard basis of rating.

## ILG ELECTRIC UNIT HEATERS

**TYPE "EU"**—Extremely quiet operation for stores, homes, offices, factories, etc. Black heat, non-glow type heating coil. Automatic thermal cut-out prevents excessive temperature rise. Available in capacities from 1 K.W. to 15 K.W.

**TYPE "HT"**—For periodic or constant duty in installations requiring small volume of heat. Non-over-heating, black heat type heating coil with individually interchangeable elements. Available in capacities from 1½ K.W. to 4 K.W.

| Catalog No. | Capacity K.W. | R.P.M. | C.F.M. | Capacity B.T.U. | [illegible] | [illegible] | [illegible] |
|---|---|---|---|---|---|---|---|
| [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |

HT Units available in 110 or 220 volts, 1 phase and 220 volts, 3 phase.
Units for direct current and special voltages supplied at extra cost.
EC Units require controller equipment.
* Available only in 110 or 220 volts A.C. or 230 volts D.C.
** Available in 110, 220, 440, or 550 volts, A.C., 230 or 550 volts D.C.
† Available only in 440 or 550 volts A.C. or 550 volts D.C.

Electric heat is CLEAN . . . SAFE . . . ECONOMICAL . . . CONVENIENT . . . FAST! No central heating plant . . . no pipe lines . . . no caretakers . . . no over-night fires . . . no ash removal . . . no coal dust, soot, or oil film . . . no wasted heat at ceiling!

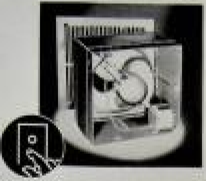
# ELECTRIC VENTILATORS FOR HOMES

Approved by Underwriters' Laboratories, Inc.

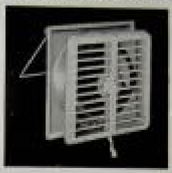
## "BUILT-IN" Type for Kitchens, Laundries, Bath, and Recreation Rooms

Streamlined, modern unit becomes an integral part of the building wall, easily installed in new or remodeled homes or apartments. Remarkably quiet operation—operates smoothly, freely, without effort for years on end. Type "Q" fan wheel exhausts more air with less noise, without increase in power—is accurately balanced. Rugged framework keeps parts aligned, assures a solid, permanent installation, free from vibration. One-piece, weather-tight door on outside of house is opened or closed by beaded pull chain, simultaneously causing fan motor to start or stop. Keeps out insects and cold air when fan is not operating.

Telescopic cabinets of 16-gauge rust-resisting steel permit depth adjustment for different wall thicknesses. (See table below).

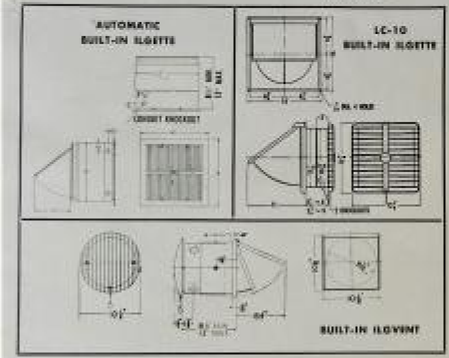


**No. 8091** . . . for average kitchens. Full automatic operation from wall switch; complete with auxiliary door opening motor. Mirror finished grille.



**No. 8151, 8153** . . . for average kitchens. Quick twist of one knob permits removal of white enamelled grille for cleaning. Pull chain operation.

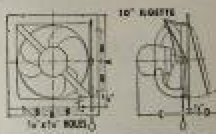
**Nos. 8080, 8082** . . . for small kitchens. Polished grille tops off attractive French Gray cabinet. Pull chain operation.



| Specifications . . . "Built-in" models<br>110 VOLT—60-50 CYCLE—1 PHASE | | | | | | | |
|---|---|---|---|---|---|---|---|
| Cat. No. | Model | Sleeve Adj. | Cabinet Dimensions | Certified Ratings Cfm. | Rpm | Watts | Ship. Wt. Lbs. |
| 8080 | 8" Built-in Ilgvent | 5¾" to 8½" | Flange, 10½" x 10½" Rnd. Sleeve, 9⅝" dia. | 350 | 1550 | 35 | 20 |
| 8082 | 8" Built-in Ilgvent | 8½" to 13" | Flange, 10½" x 10½" Rnd. Sleeve, 9⅝" diam. | 350 | 1550 | 35 | 20 |
| 8151 | 10" LC Built-in Ilgette | 4¾" to 6" | 11" x 11" | 300 | 1550 | 35 | 23 |
| 8153 | 10" LC Built-in Ilgette | 5¾" to 9" | 11" x 11" | 300 | 1550 | 35 | 23 |
| 8091 | 10" Automatic Built-in Ilgette | 8½" to 13" | 12" x 12" | 300 | 1550 | 55 | 29 |

### PANEL TYPE

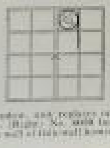
Adjustable steel panel adjustable 26" to 36" and 36" to 46"—mounts in window frame; plugs into nearest outlet. Available in 8" and 10" fan sizes. Ask for bulletin A-1043.



| No. | Model | A | B | C | D |
|---|---|---|---|---|---|
| 8181 | 10" Ilgette | 12" | 4" | [illegible] | [illegible] |

## "PACKAGE-TYPE" for Thin Wall or Window Applications

Can be used in steel sash window or other small panel window, also in double hung windows with wood or metal mullions around panel. Finished in Ivory enamel. Complete with fan guard, extension cord and plug. Beaded pull chain opens and closes weather-tight outer door, simultaneously starting and stopping fan operation.



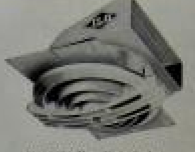
In window, unit replaces one pane of glass. (Right) No. [illegible] built into building wall of thin-wall homes.

| 110 VOLT—60-50 CYCLE—1 PHASE | | | | | | |
|---|---|---|---|---|---|---|
| Catalog No. | Model | Panel Dimensions | C.F.M. | R.P.M. | Watts | Shipping Weight, Lbs. |
| 8181 | 10" Ilgette | 12" x 12" | 900 | 1550 | 50 | 14 |

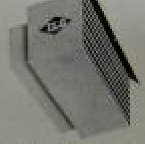
All ratings on this page are certified in accordance with the standard test code adopted jointly by the Propeller Fan Manufacturers Association, the National Association of Fan Manufacturers and the American Society of Heating and Ventilating Engineers.

ILG

## CEILING TYPE . . . Fully Automatic . . . Locate in Kitchen Ceiling over Range



**No. 8132** Fan Unit Only



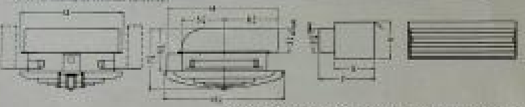
**No. 8131** Wall Unit Only

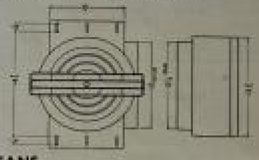
NEW 10" CEILING ILGETTE KITCHEN VENTILATOR—Full capacity for thorough ventilating without sacrificing super-quiet operation. Easy to install and operate. New hinged grille, motor and fan assembly simply lift off for cleaning. Shaded pole rubber mounted permanently lubricated motor. Built-in electrical plug automatically breaks circuit when grille is opened. Insulated outer door has new spring booster control.

**SPECIFICATIONS—115 Volt 1 Phase 60 Cycle**

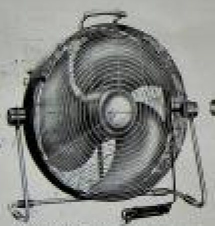
| CATALOG NO. | DESCRIPTION | Rpm | *Cfm | Watts | WEIGHTS NET | WEIGHTS SHIPPING |
|---|---|---|---|---|---|---|
| 8132<br>8131 | Fan Unit Only<br>Wall Unit Only | 1550 | 300 | 40 | 10<br>3 | 14<br>5 |

*NAFM rating at free air delivery.

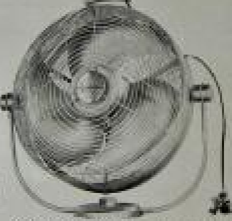




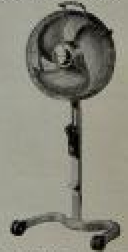
### NIGHT COOLING AND CIRCULATING FANS



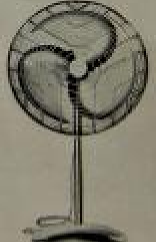
**No. 7160 ILGQUALAIRE** . . . Pivoting in window for night-cooling, or on floor for circulation. Friction pivot base permits operation from any angle.



**No. 7070 ILGSTREAMAIRE** . . . Place on table or floor. Mount on wall or ceiling. Friction lock permits operation from any angle. Residences, offices, theatres, etc.



**No. 7050 ILGROLLAIRE** . . . Rolls on casters for easy portability. Use for night-cooling, or air circulation in small homes and apartments.



**No. 6100, 6103 ILGWIND** . . . Two sizes. Night-cool up to four-room homes or apartments, large offices, stores. Also for "mass-cooling" duty in places.

### Branch Offices as Close as Your Telephone

ALBANY 7—
100 State St. 4-7705
ALBUQUERQUE—
1807 N. 2nd St. 6429
ATLANTA—
313 Techwood Dr., N.W. Cypress 3447
BOSTON 16—
737 Newbury St. Kenmore 6-0362
BUFFALO 2—
330 Delaware Ave. Cleveland 7374
CHARLOTTE 3—
139 Brevard Ct. 2-6721
CHICAGO 1—
222 N. LaSalle St. Franklin 2-1320
CINCINNATI 2—
636 Broadway, Garfield 4640
CLEARWATER, FLA.—
1012 Cleveland St. 33-783
CLEVELAND 15—
1109 Schofield Bldg. Cherry 5122
COLUMBUS—
13 N. 3rd St. Adams 8333
DALLAS 2—
1215 Texas Bank Bldg. Randolph 2763
DENVER 14—
2699 Newland St. Lakewood 2336M
DES MOINES 8—
Hotel Franklin 3-6121

DETROIT 1—
415 Brainard St. Temple 2-3440
EL PASO—
408 Bassett Tower Bldg. 3-8485
GALESBURG—
810 Seminary St. Main 6440
GRAND RAPIDS 6—
308 Gladstone Ave. 8-7540
GREENSBORO—
1002 Battleground Ave. 3-0366
HOUSTON 2—
1406 2nd Nat'l. Bank Bldg. Fairfax 3348
INDIANAPOLIS 4—
806 Archt. & Bldrs. Bldg. Plaza 3045
KANSAS CITY 8, MO.—
3021 Main Street Logan 9741
KNOXVILLE—
Holston Hills Rd.—Box 1213, 3-5009 & 8-3946
LOS ANGELES 17—
1709 W. 8th St. Dunkirk 4-4139
LOUISVILLE 3—
633 South 5th St. Wabash 3335
MEMPHIS 3—
630 M & M Bldg. 8-7866
MIAMI—
5951 SW 48th St. 87-4350 & 96-505

MILWAUKEE 3—
335 E. Michigan St. MA. 6-3450
MINNEAPOLIS 12—
716 Portland Ave. Main 2997
NEW HAVEN—
902 Chapel St. 7-1730
NEW ORLEANS 12—
301 Pan American Bldg. Magnolia 3658
NEW YORK 38—
15 Park Row, Barclay 7-8787
NORFOLK 10—
610 Duke St. 5-5870
OMAHA 8—
1113½ Farnam St. Atlantic 5540
ORLANDO, FLA.—
1218 Gunnison St. 3-4504
PHILADELPHIA 3—
1423 Commercial Trust Bldg. Rittenhouse 6-3360
PHOENIX—
914 W. Madison St.—Box 1602, 43738
PITTSBURGH 16—
318 Washington Rd. LO 1-4416-9
RICHMOND—
211 W. Grace St. 7-4218
ROCHESTER 4—
1070 Sibley Tower Bldg. Hamilton 9520

ST. LOUIS 3—
1221 Locust St., Shell Bldg. Main 1073
SALT LAKE CITY 1—
41 Post Office Place, SLC 3-0606
SAN ANTONIO 5—
404 Insurance Bldg. Fannin 7329
SAN DIEGO 4—
4750 Kensington Dr. Randolph 1878
SAN FRANCISCO 5—
33 New Montgomery St. Sutter 1-0964
SCRANTON 4, PA.—
316 N. 9th Ave. Scranton 4-6762
SEATTLE 3—
7301 W. Greenlake Way, Ken. 8102
SO. JACKSONVILLE 7, FLA.—
801 Flagler Ave. 98-1140
SO. PORTLAND, MAINE—
500 Cottage Road, Portland 3-1266
SPRINGFIELD, MASS.—
100 Orange St.—Box 31. 3-0994
TOLEDO 2—
328 N. Erie St. Main 1613
TULSA 3—
114 W. 3rd St. 5-9024
WASHINGTON 6, D.C.—
17th & Penn Ave., N.W. National 9733

**ILG ELECTRIC VENTILATING CO.**

2870 North Crawford Ave., Chicago 41, Illinois.
Offices in more than 40 Principal Cities